

CLAIMS:

1. A coating liquid for forming a colored transparent
conductive film, which comprises noble metal-supporting
ruthenium in a fine particle form wherein a noble metal
5 except for ruthenium is supported in a fine particle form
on ruthenium.

2. The coating liquid for formation the colored
transparent conductive film according to Claim 1, wherein
the noble metal is at least one member selected from the
10 group consisting of gold, platinum, palladium, rhodium,
and osmium.

3. A method for producing a coating liquid for forming
a colored transparent conductive film, wherein a reducing
agent is added into a dispersing medium containing
15 ruthenium in a fine particle form, and thereafter a
compound of a noble metal except for ruthenium is added
thereinto, to form a coating liquid for forming a colored
transparent conductive film.

4. A method for producing a substrate with a colored
20 transparent conductive film, wherein the coating liquid
for forming the colored transparent conductive film as
defined in Claim 1 is applied onto a substrate, to form a
colored transparent conductive film.

5. A method for producing a substrate with a colored
25 transparent conductive film, wherein the coating liquid
for forming the colored transparent conductive film as
defined in Claim 1 is applied onto a substrate, and

thereafter a coating liquid containing a silicon alkoxide is applied thereonto, to form a colored transparent conductive film.

5 6. A substrate with a colored transparent conductive film produced by the method as defined in Claim 4.

7. A substrate with a colored transparent conductive film produced by the method as defined in Claim 5.

8. A substrate with a colored transparent conductive film produced by the method as defined in Claim 5,
10 wherein $T_{\text{MIN}}/T_{\text{MAX}}$, which is a ratio of the minimum value T_{MIN} to the maximum value T_{MAX} of transmittance in a wavelength range of 400-700 nm, is at least 0.85, the substrate having an excellent abrasion resistance.

9. A cathode ray tube wherein the substrate with the
15 colored transparent conductive film as defined in Claim 6 is used as a panel, and wherein the colored transparent conductive film is formed on an outside surface of the panel.

10. A cathode ray tube wherein the substrate with the
20 colored transparent conductive film as defined in Claim 7 is used as a panel, and wherein the colored transparent conductive film is formed on an outside surface of the panel.

11. A cathode ray tube wherein the substrate with the
25 colored transparent conductive film as defined in Claim 8 is used as a panel, and wherein the colored transparent conductive film is formed on an outside surface of the

panel.